



Michael & Susan Dell  
FOUNDATION

# GO! Austin/VAMOS! Austin Dove Springs

*Public Health Committee meeting*

April 16, 2013

# GO! Austin/VAMOS! Austin – Why Measurement Matters to the Community

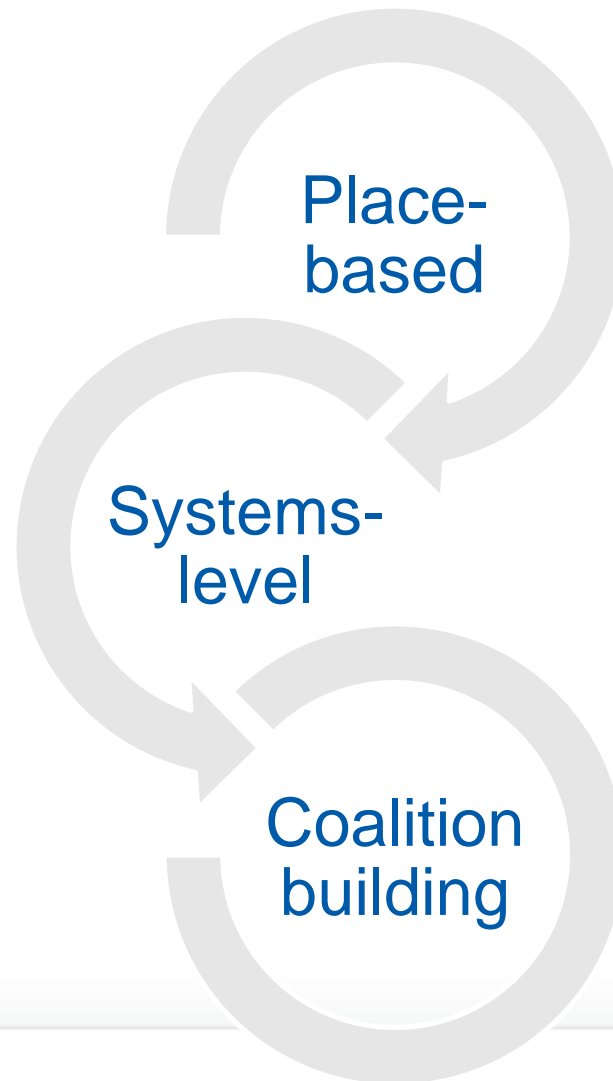
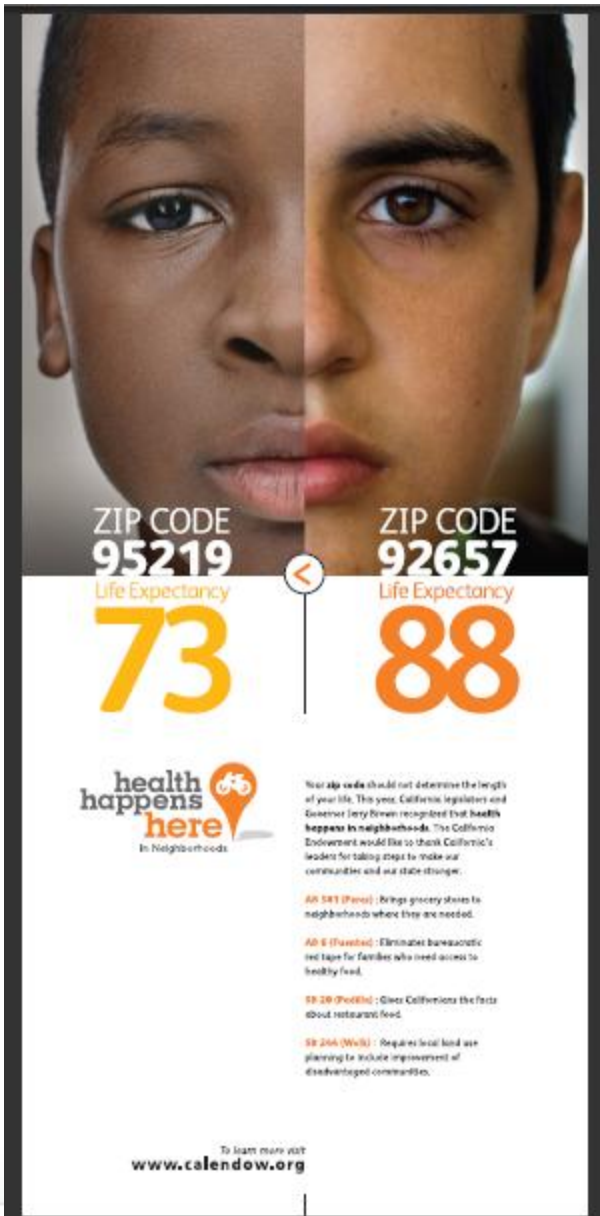


Dove Springs resident

Mother

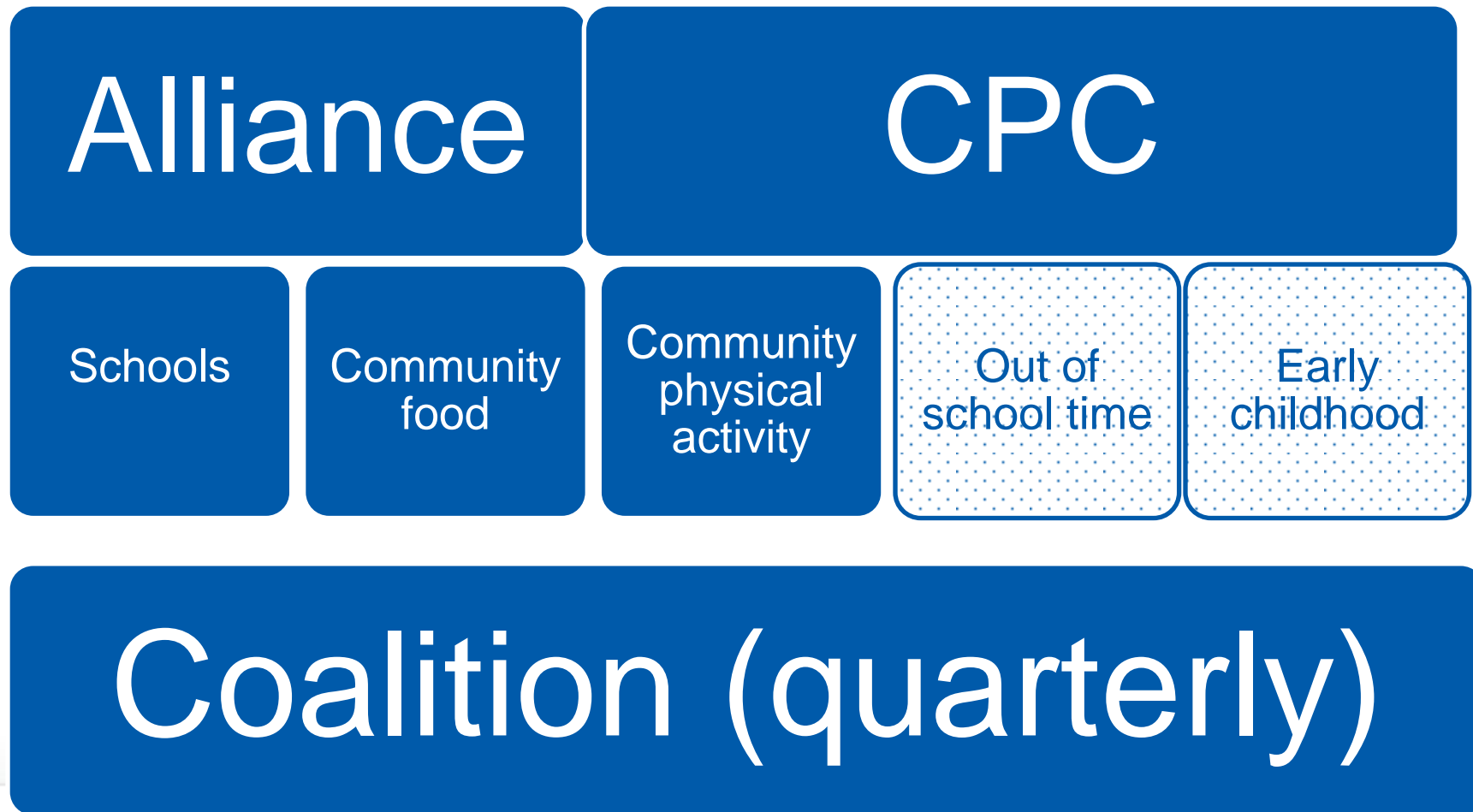
Neighborhood leader and activist

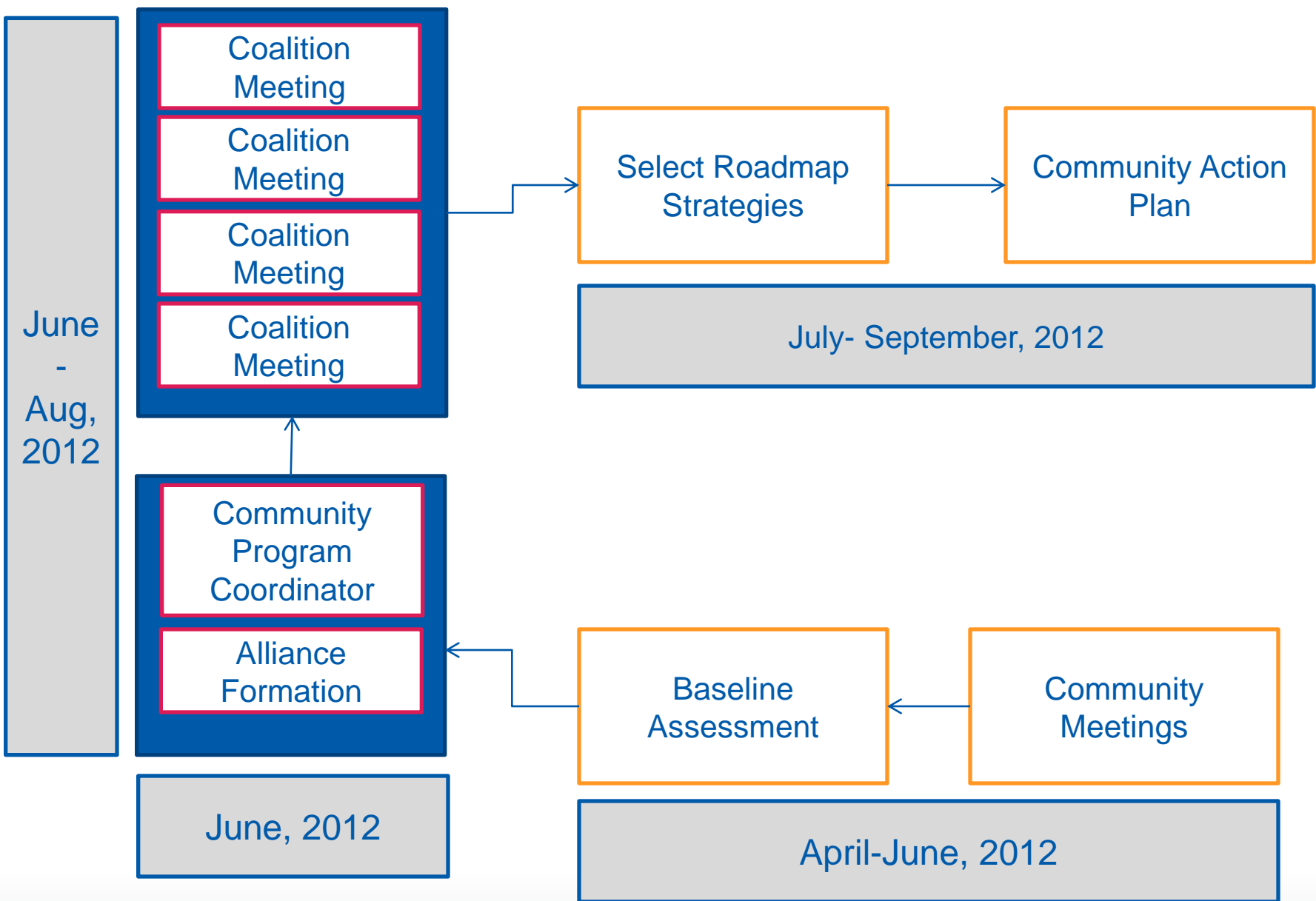
# The Place-Based Vision



Michael & Susan Dell  
FOUNDATION

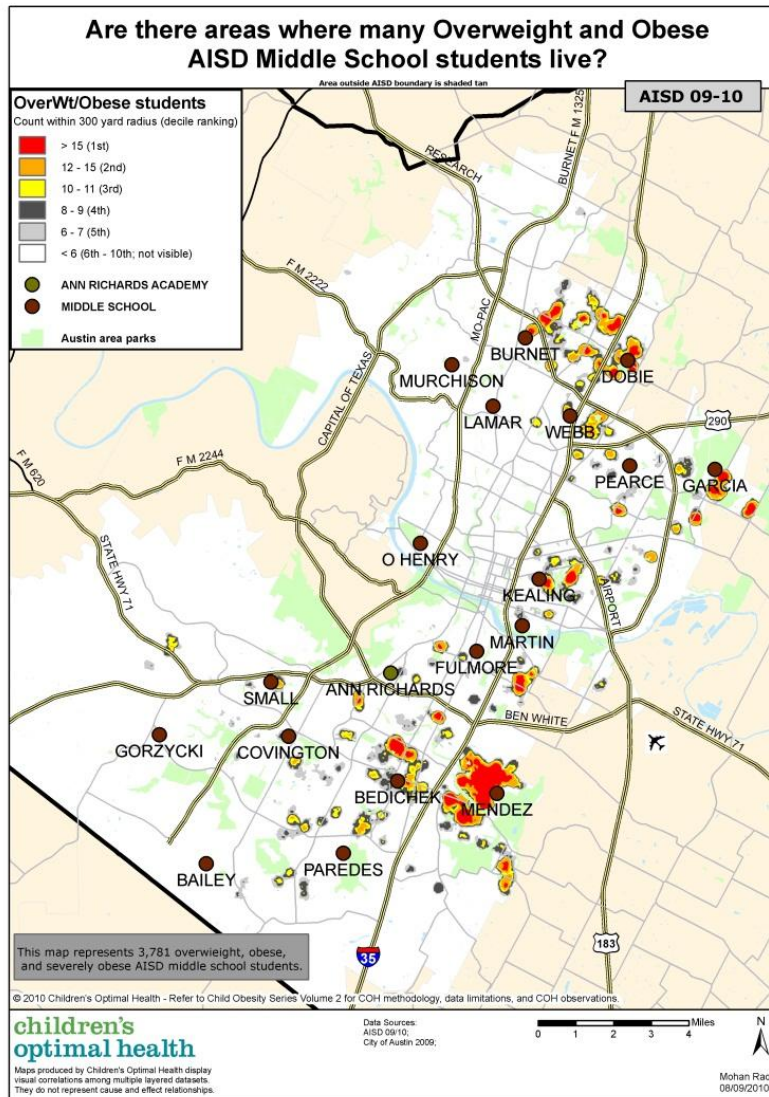
# GO! Austin/VAMOS! Austin Structure



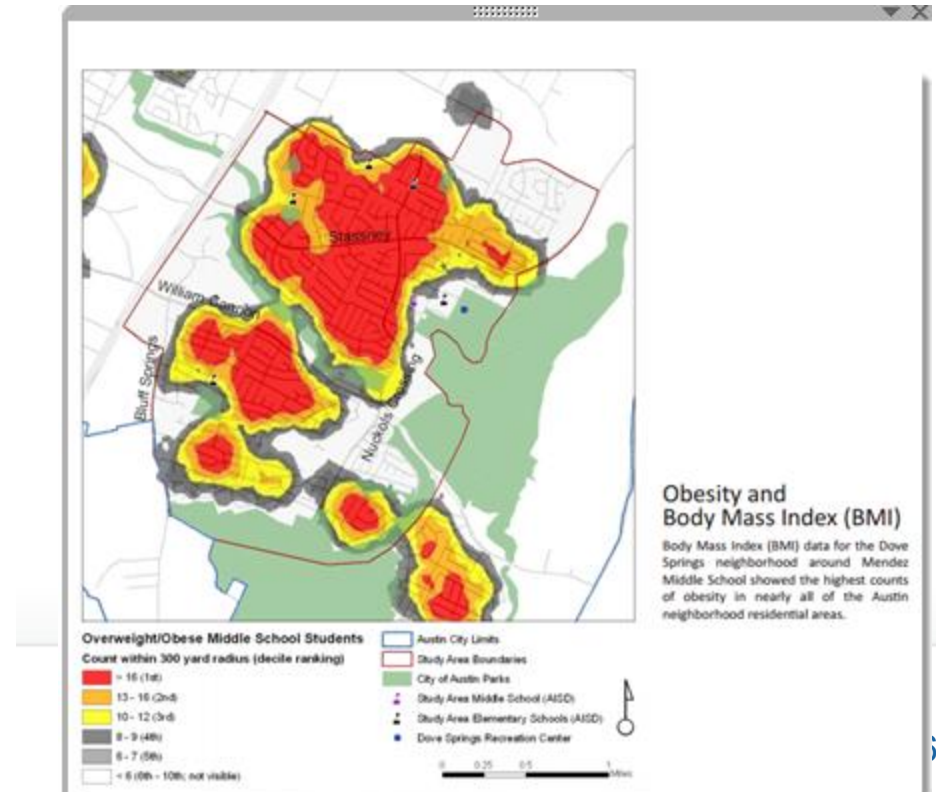




# Health Related Data



	% of MS students who are obese	% of MS students failing Cardio vascular testing
N. Lamar/ Rundberg	17.4	28.5
El Buen	26.4	30.9
Dove Springs	29.4	39.7
St. Johns	23.9	8.5



# Built Environment & Infrastructure

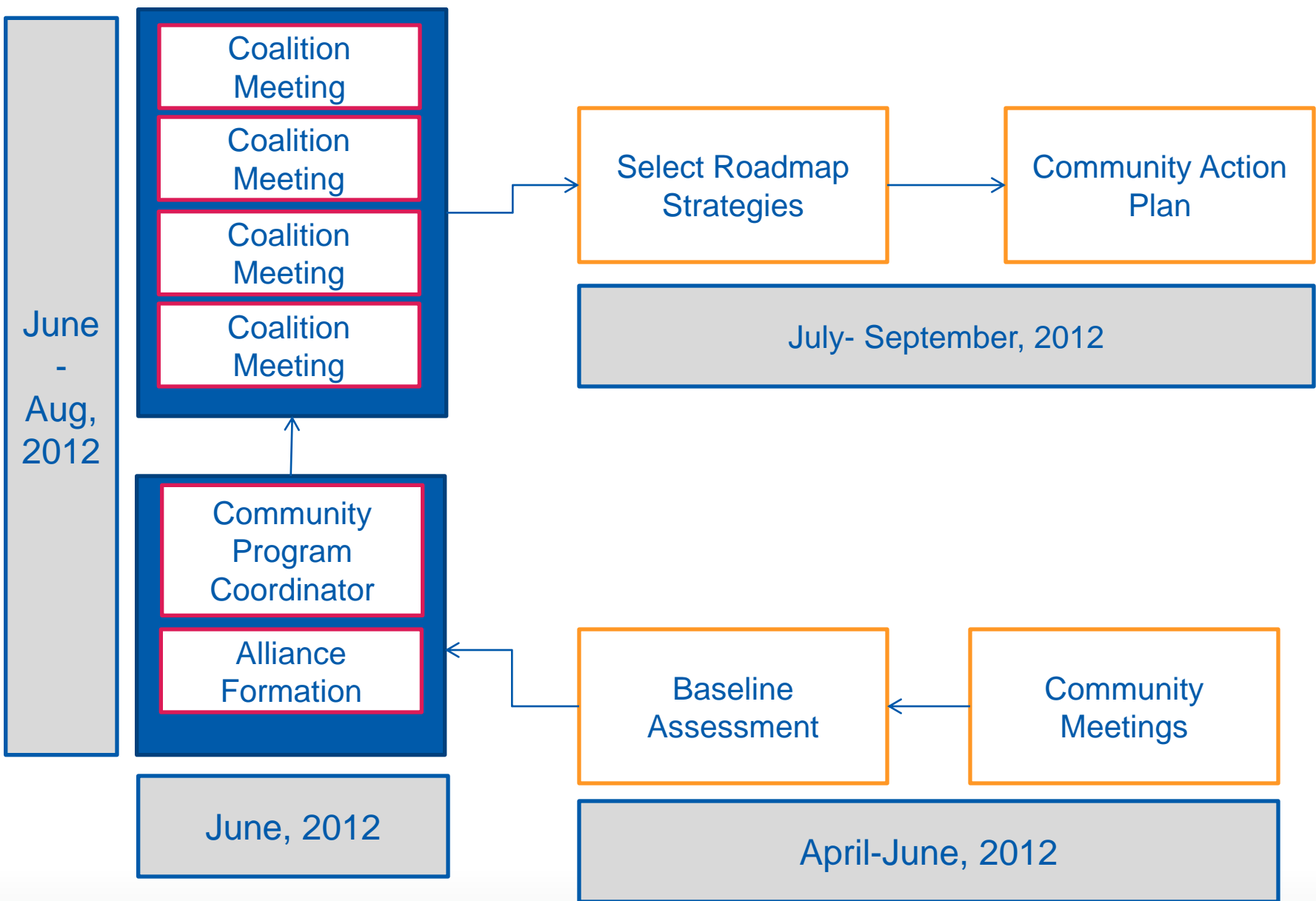
Community Assets	Parks	Healthy Food Stores	Unhealthy Food Stores	Land use
Lamar/Rundberg	●	●	●	●
El Buen	●	●	●	●
Dove Springs	●	●	●	●
St. Johns	●	●	●	●

● Presence ● Absence ● Limited

- Drill-down mapping of Quail Creek/St. John reveals a heavily developed, commercialized area with multiple opportunities to access healthy food options but also many competing negative dietary influences (such as fast food restaurants and convenience stores).
- In Dove Springs, by contrast, access to healthy food options is limited, but there are also fewer negative dietary influences. Fewer food outlets are located close to where families live, and only one grocery store sells fresh produce in the immediate area. There appears to be a large amount of green space, although not all of it may be accessible for recreational use.
- There are also far fewer health care and community facilities in Dove Springs than in Quail Creek/St. John.



Community Asset Mapping using GIS for Dove Springs 2010





# GO! Austin/VAMOS! Austin Early Wins



- Principal meetings - all willing to partner and support GAVA
- Water taps
- Streamline/align school wellness infrastructure
- Parent training w/consistent content
- Connect to community



- Urban Roots – mobile farmstand
- Urban Organics – Agua Dulce
- Urban Patchwork – garden at River City Youth
- Farmers market assessment
- New/existing food retail
- CapMetro



- \$2M in COA bond package
- Adopted five parks
- Austin Parks Foundation
- Amor Austin
- Zip-code wide safety meeting
- Yellow Bike Project to establish a mobile bike repair clinic



## Evaluation At A Glance

	Design	Sample	Constructs Measured	Evaluation Team Lead
Study 1	Repeated Cross-sectional Study	<ul style="list-style-type: none"> <li>200 5<sup>th</sup> grade students in Dove Springs Schools and their parents</li> <li>150 Dove Springs residents</li> </ul>	<ul style="list-style-type: none"> <li>Height and weight</li> <li>BMI</li> <li>usual dietary intake</li> <li>usual physical activity</li> <li>motivation and social norms related to healthy eating and physical activity</li> <li>perceived availability and access to healthy foods and safe physical activity opportunities</li> </ul>	Dr. Alexandra Evans-Michael & Susan Dell Center for Healthy Living (Dell Center) at the University of Texas Houston School of Public Health (UTSPH)
Study 2	Longitudinal Cohort Study	<ul style="list-style-type: none"> <li>300 parent-child dyads living in Dove Springs</li> <li>Children in the study will be recruited in Kindergarten from 4 Dove Springs elementary schools</li> </ul>	<ul style="list-style-type: none"> <li>Height and weight</li> <li>BMI</li> <li>usual dietary intake</li> <li>usual physical activity</li> <li>motivation and social norms related to healthy eating and physical activity</li> <li>perceived availability and access to healthy foods and safe physical activity opportunities</li> </ul>	
Study 3	Annual evaluation of food and physical activity environment	<ul style="list-style-type: none"> <li>Community Assets for food and physical activity in Dove Springs</li> </ul>	<ul style="list-style-type: none"> <li>Access to food and physical activity assets</li> <li>Quality of built environment</li> <li>Community participation and utilization of assets</li> <li>Community engagement and cohesion</li> </ul>	
Study 4	GIS maps	<ul style="list-style-type: none"> <li>Geospatial analysis of reach and access of food and physical activity infrastructure</li> <li>Asset mapping of Dove Springs</li> </ul>	<ul style="list-style-type: none"> <li>Access to food and physical activity opportunities</li> <li>Reach of food and physical activity opportunities based on housing concentrations</li> <li>Patterns of nutrition and physical activity behaviors based on geospatial analysis</li> </ul>	Dr. Susan Millea-Children's Optimal Health
Study 5	Network analysis of community metrics	<ul style="list-style-type: none"> <li>Community stakeholders</li> <li>Organizational leaders</li> <li>Community residents</li> </ul>	<ul style="list-style-type: none"> <li>Organizational networks</li> <li>Community engagement</li> <li>Community participation</li> <li>Community readiness</li> </ul>	Internal- MSDF team